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<b>UTILITY PATENT APPLICATION TRANSMITTAL</b>  <i>(Only for new nonprovisional applications under 37 CFR 1.53(b))</i>	Attorney Docket No.	<b>21431 US1</b>
	First Inventor	<b>Hans-P t r Haar t al.</b>
	Title	<b>Needleless ...</b>
	Express Mail Label No.	<b>EL912163442US</b>

<b>APPLICATION ELEMENTS</b> See MPEP chapter 600 concerning utility patent application contents.	<b>ADDRESS TO:</b> Mail Stop Patent Application Commissioner for Patents P.O. Box 1450 Alexandria VA 22313-1450
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1. <input checked="" type="checkbox"/> Fee Transmittal Form (e.g., PTO/SB/17) <i>(Submit an original and a duplicate for fee processing)</i> 2. <input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. 3. <input checked="" type="checkbox"/> Specification [Total Pages <b>73</b> ] <i>(preferred arrangement set forth below)</i> - Descriptive title of the invention - Cross Reference to Related Applications - Statement Regarding Fed sponsored R & D - Reference to sequence listing, a table, or a computer program listing appendix - Background of the invention - Brief Summary of the invention - Brief Description of the Drawings (if filed) - Detailed Description - Claim(s) - Abstract of the Disclosure 4. <input checked="" type="checkbox"/> Drawing(s) (35 U.S.C. 113) [Total Sheets <b>34</b> ] 5. Oath or Declaration [Total Sheets _____] a. <input type="checkbox"/> Newly executed (original or copy) b. <input type="checkbox"/> Copy from a prior application (37 CFR 1.63(d)) <i>(for continuation/divisional with Box 18 completed)</i> i. <input type="checkbox"/> <b>DELETION OF INVENTOR(S)</b> Signed statement attached deleting inventor(s) name in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b). 6. <input checked="" type="checkbox"/> Application Data Sheet. See 37 CFR 1.76	7. <input type="checkbox"/> CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix) 8. Nucleotide and/or Amino Acid Sequence Submission <i>(if applicable, all necessary)</i> a. <input type="checkbox"/> Computer Reader Form (CRF) b. Specification Sequence Listing on: i. <input type="checkbox"/> CD-ROM or CD-R (2 copies); or ii. <input type="checkbox"/> Paper c. <input type="checkbox"/> Statements verifying identity of above copies
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**ACCOMPANYING APPLICATION PARTS**

9. ☐ Assignment Papers (cover sheet & document(s))  
 10. ☐ 37 CFR 3.73(b) Statement ☐ Power of Attorney  
*(when there is an assignee)*  
 11. ☐ English Translation Document (if applicable)  
 12. ☒ Information Disclosure ☐ Copies of IDS Citations  
 Statement (IDS)/PTO-1449  
 13. ☐ Preliminary Amendment  
 14. ☒ Return Receipt Postcard (MPEP 503)  
*(Should be specifically itemized)*  
 15. ☐ Certified Copy of Priority Document(s)  
*(if foreign priority is claimed)*  
 16. ☐ Nonpublication Request under 35 U.S.C. 122  
 (b)(2)(B)(i). Applicant must attach form PTO/SB/35  
 or its equivalent.  
 17. ☐ Other: .....

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in the first sentence of the specification following the title, or in an Application Data Sheet under 37 CFR 1.76:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No.: .....

Prior application information:

Examiner: .....

Art Unit: .....

For CONTINUATION OF DIVISIONAL APPS only; The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

**19. CORRESPONDENCE ADDRESS**

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City	State	Zip Code
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Name (Print/Type)	<b>Bernard Lau</b>	Registration No. (Attorney/Agent)
Signature	<i>Bernard Lau</i>	Date
		<b>11/24/2003</b>

This collection of information is required by 37 CFR 1.53(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

22390 U.S. PTO  
10/720908

Director of the United States Patent  
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Hoffmann-La Roche Inc.  
340 Kingsland Street  
Nutley, NJ 07110  
Case Docket 21431 US1  
November 24, 2003

Sir:

Transmitted herewith for filing under 37 C.F.R. § 1.53(b) is the patent application of

Inventor(s): Hans-Peter Haar, Otto Fuerst, Hans List, George Bevan Kirby Meacham

For: **NEEDLELESS HYPODERMIC INJECTION DEVICE WITH NON-ELECTRIC  
IGNITION MEANS**

1. The fee has been calculated as shown below:

CLAIMS				
FOR	NO. FILED	NO. EXTRA	RATE	FEE
TOTAL CLAIMS	90 - 20	70	x \$18	1260
INDEP. CLAIMS	14 - 3	11	x \$86	946
MULTIPLE DEPENDENT CLAIMS PRESENTED			+ \$290	
BASIC FEE				\$ 770
TOTAL				<u>\$2976</u>

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The Commissioner is hereby authorized to charge payment of any additional fees associated with this communication or credit any overpayment to Deposit Account No. 08-2525, including those under 37 C.F.R. § 1.16 and 1.17. This sheet is provided in duplicate.

Continue to address all communications to:

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Attorney for Applicant(s)  
Bernard Lau  
(Reg. No. 38218)

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**Certification under 37 CFR 1.10**

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Note: Each paper must have its own certificate of mailing, or this certificate must identify each submitted paper.

Papers Submitted for Case Docket 21431 US1: Patent Application Transmittal Form, Application Data Sheet, Fee Transmittal Form, Specification, Drawings Information Disclosure Statement